Zoologica Scripta

VOLUME CONTENTS

AUTHOR INDEX

VOLUME 13 1984

VOL.
13
1984

THE NORWEGIAN ACADEMY OF SCIENCE AND LETTERS
THE ROYAL SWEDISH ACADEMY OF SCIENCES
PERGAMON PRESS

Zoologica Scripta

An international journal of zoology published for
The Norwegian Academy of Science and Letters
and
The Royal Swedish Academy of Sciences

Board of Trustees
Arnold Åbro, Bergen
August Brinkmann Jr., Bergen
Carl-Olof Jacobson, Uppsala
Alf G. Johnels, Stockholm
Arne Semb-Johansson, Oslo
Jarl-Ove Strömberg, Fiskebäckskil
and the Editors

Chief Editor
Marit E. Christiansen
Zoological Museum
University of Oslo
Sars gt.1
N-0562 Oslo 5
Norway

Executive Editor
Christer Erséus
Department of Zoology
University of Göteborg
Box 25059
S-400 31 Göteborg
Sweden

Advisory Council
P. H. Greenwood, British Museum (Natural History), London
Tor Karling, Swedish Museum of Natural History, Stockholm
Ernst Kirsteuer, American Museum of Natural History, New York
Claude Levi, Museum National d'Histoire Naturelle, Paris
Sievert Lorenzen, Zoologisches Institut der Universität, Kiel
Raymond B. Manning, Smithsonian Institution, Washington
Rudolf S. Scheltema, Woods Hole Oceanographic Institution, Woods Hole

Scope
Contributions from the following fields will be considered for publication:
- Taxonomy
- Phylogeny
- Biogeography

Further, contributions dealing with evolutionary aspects from the fields of morphology, physiology, ecology, ethology and palaeontology. (Authors of papers with mainly functional aspects are requested to submit their contributions to the cooperating journal Acta Zoologica.)

The following types of contributions are accepted:
- Papers based on original research.
- Review articles.

Contributions in these two categories are limited to 24 printed pages, unless the author pays in full for any pages exceeding 24.

Contributions may be written in English, French or German. All papers should have an abstract in English.

Manuscripts
Manuscripts should be sent to the Chief Editor.

Manuscripts submitted should not be under consideration or accepted elsewhere. Manuscripts to be considered must strictly conform with the instructions to authors.

Subscription rates 1985

For libraries, university departments, government laboratories, industrial and other multiple-reader institutions US$135.00 per annum including postage and insurance. Two-year rate (1985/1986)—US$256.50.

Specially Reduced Rates to Individuals. In the interests of maximizing the dissemination of the research results published in this important international journal we have established a two-tier price structure. Any individual whose institution takes out a library subscription may purchase a second or additional subscription for personal use at the much reduced rate of US$50.00 per annum.

Subscription enquires from customers in North America should be sent to: Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A., and for the remainder of the world to Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, UK. Microform Subscriptions and Back Issues: Back Issues of all previously published volumes are available in the regular editions and on microfilm and microfiche. Current subscriptions are available on microfiche simultaneously with the paper edition and on microfilm on completion of the annual index at the end of the subscription year.

Copyright © 1985 The Norwegian Academy of Science and Letters

It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. However, assignment of copyright is not required from authors who work for organizations which do not permit such assignment. The copyright covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform or any other reproductions of similar nature and translations. No part of this publication may
be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, mechanical, photocopying, recording or otherwise, without permission in writing from the copyright holder.

US Copyright Law Applicable to Users in the U.S.A.

Photocopying information for users in the U.S.A. The Item-Fee Code for this publication indicates that authorization to photocopy items for internal or personal use is granted by the copyright holder for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service provided the stated fee for copying beyond that permitted by Section 107 or 108 of the United States Copyright Law is paid. The appropriate remittance of $3.00 per copy per article is paid directly to the Copyright Clearance Center Inc., 21 Congress Street, Salem, MA 01970. The copyright owners consent does not extend to copying for general distribution, for promotion, for creating new works, or for resale. Specific written permission must be obtained from the publisher for such copying. In case of doubt please contact your nearest Pergamon office.
The Item-Fee Code for this publication is: 0300-3256/85 $3.00+ .00

PERGAMON PRESS

Headington Hill Hall
Oxford OX3 0BW, England

Maxwell House, Fairview Park,
Elmsford, New York 10523, U.S.A.

Volume Contents

VOL.
13
1984

Volume 13 Number 1

S. R. Fegley, J. P. S. Smith and R. M. Rieger	1	*Parahaploposthia thiophilus* sp.n. and the use of living specimens in identification of acoel turbellarians
B. Sopott-Ehlers	9	Feinstruktur pigmentierter und unpigmentierter Photoreceptoren bei Proseriata (Plathelminthes)
C. S. Hickman	19	A new archaeogastropod (Rhipidoglossa, Trochacea) from hydrothermal vents on the East Pacific Rise
I. Bartsch	27	Two new species of the *pulcher* group in the genus *Copidognathus* (Acari, Halacaridae)
A. G. Humes	33	*Hemicyclops columnaris* sp.n. (Copepoda, Poecilostomatoida, Clausidiidae) associated with a coral in Panama (Pacific side)
R. B. Manning, H. Schiff and B. C. Abbott	41	Eye structure and the classification of stomatopod Crustacea
J. W. Wägele	45	Two new littoral Anthuridea from Baja California and redescription of *Mesanthura occidentalis* (Crustacea Isopoda)
G. Lutaud	59	La structure et l'innervation du diaphragme de la gaine tentaculaire chez deux Bryozoaires Malacostèges
M. Richter	69	Dental histology of a characoid fish from the Plio–Pleistocene of Acre, Brazil

Volume 13 Number 2

J.-G. Harmelin	81	Bryozoaires des peuplements sciaphiles de Méditerranée: révision de *Cribrilina setosa* Waters et description de deux nouvelles espèces de *Cribrilaria* (Bryozoa, Cheilostomata)
T. A. Bakke	89	A redescription of adult *Phyllodistomum umblae* (Fabricius) (Digenea, Gorgoderidae) from *Salvelinus alpinus* (L.) in Norway
C. Erséus	101	New and little-known species of deep-sea Tubificidae (Oligochaeta) from the north-west Atlantic
J. M. Healy and R. C. Willan	107	Ultrastructure and phylogenetic significance of notaspidean spermatozoa (Mollusca, Gastropoda, Opisthobranchia)
G. Levy	121	The spider genera *Singa* and *Hypsosinga* (Araneae, Araneidae) in Israel
Å. Holm	135	The spider fauna of the East African mountains. Part II. The genus *Walckenaeria* Blackwall (Araneae, Linyphiidae)
S. O. Kullander	155	Cichlid fishes from the La Plata Basin. Part V. Description of *Aequidens plagiozonatus* sp.n. (Teleostei, Cichlidae) from the Paraguay river system

Volume 13 Number 3

Z. Komala and E. Przyboś	161	Distribution of the *Paramecium aurelia* species complex (Protozoa, Ciliophora) in the Carpathian chain of Poland
H. A. Thomsen and P. Boonruang	165	A light and electron microscopical investigation of loricate choanoflagellates (Choanoflagellida, Acanthoecidae) from the Andaman Sea, SW Thailand and Denmark: species of *Cosmoeca* gen.n.
M. Sanchez and H. J. Moretto	183	Redescription of the heteronemertean *Lineus atrocaeruleus* (Schmarda, 1859)
G. Oliver	189	Quelques espèces du genre *Calydiscoides* Young (Monogenea, Monopisthocotylea, Diplectanidae), parasites de Perciformes du Récif de la Grande Barrière (Australie)
C. Ricci and G. Melone	195	*Macrotrachela quadricornifera* (Rotifera, Bdelloidea); a SEM study on active and cryptobiotic animals
M. Ferraguti	201	The comparative ultrastructure of sperm flagella central sheath in Clitellata reveals a new autapomorphy of the group
A. G. Humes	209	Harpacticoid copepods associated with cnidarians in the tropical Pacific Ocean
B. G. M. Jamieson	223	Spermatozoal ultrastructure in *Branchiostoma moretonensis* Kelly, a comparison with *B. lanceolatum* (Cephalochordata) and with other deuterostomes
H. C. Bjerring	231	The term 'fossa bridgei' and five endocranial fossae in teleostome fishes

Volume 13 Number 4

C. Erséus	239	Taxonomy and phylogeny of the gutless Phallodrilinae (Oligochaeta, Tubificidae), with descriptions of one new genus and twenty-two new species
D. Davis	273	*Olavius cornuatus* sp.n. (Oligochaeta, Tubificidae) from Georges Bank (NW Atlantic)
G. Schriever	277	New Harpacticoida (Crustacea, Copepoda) from the North Atlantic Ocean. V. Three new species of *Metahuntemannia* Smirnov (Cletodidae)
G. J. Bird and D. M. Holdich	285	New deep-sea leptognathiid tanaids (Crustacea, Tanaidacea) from the north-east Atlantic
	i	Volume Contents and Author Index, Volume 13, 1984

Author Index

Abbott, B.C., 41

Bakke, T.A., 89
Bartsch, I., 27
Bird, G.J., 285
Bjerring, H.C., 231
Boonruang, P., 165

Davis, D., 273

Erséus, C., 101, 239

Fegley, S.R., 1
Ferraguti, M., 201

Harmelin, J.-G., 81
Healy, J.M., 107
Hickman, C.S., 19
Holdich, D.M., 285
Holm, Å., 135
Humes, A.G., 33, 209

Jamieson, B.G.M., 223

Komala, Z., 161
Kullander, S.O., 155

Levy, G., 121
Lutaud, G., 59

Manning, R.B., 41
Melone, G., 195
Moretto, H.J., 183

Oliver, G., 189

Przyboś, E., 161

Ricci, C., 195
Richter, M., 69
Rieger, R.M., 1

Sanchez, M., 183
Schiff, H., 41
Schriever, G., 277
Smith, J.P.S., 1
Sopott-Ehlers, B., 9

Thomsen, H.A., 165

Wägele, J.M., 45
Willan, R.C., 107

Dates of publication of Volume 13
No. 1, pp. 1–80, 4 May 1984
No. 2, pp. 81-160, 19 September 1984
No. 3, pp. 161–238, 10 December 1984
No. 4, pp. 239–316, 21 February 1985